

Figure 1:

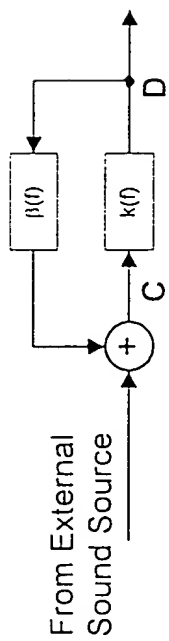


Figure 2:

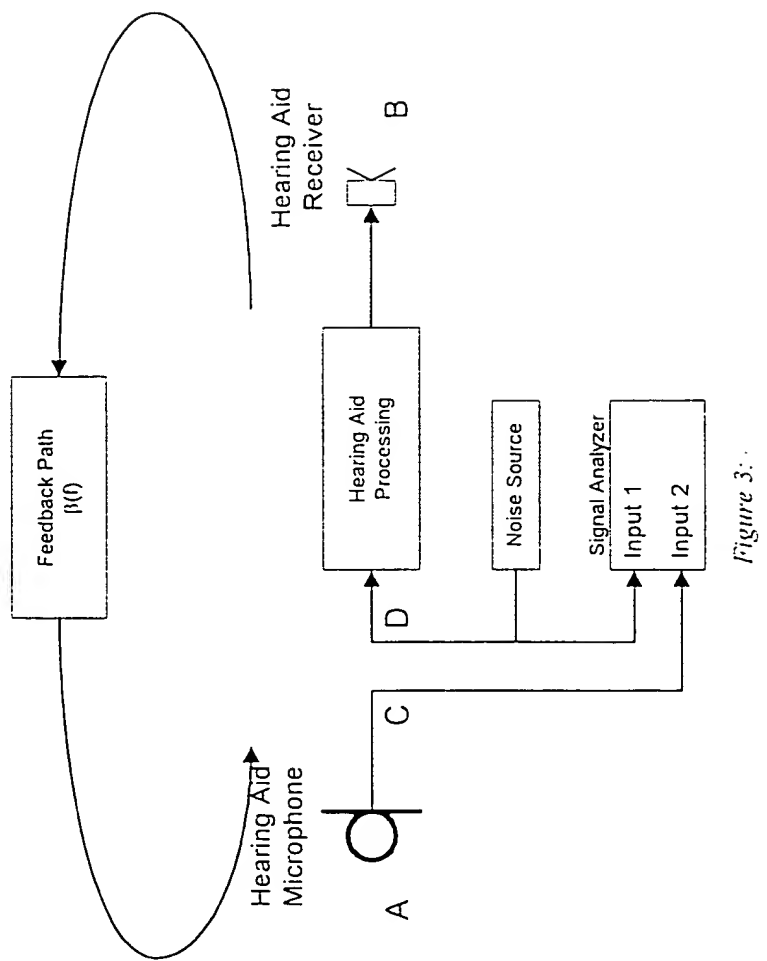


Figure 3:

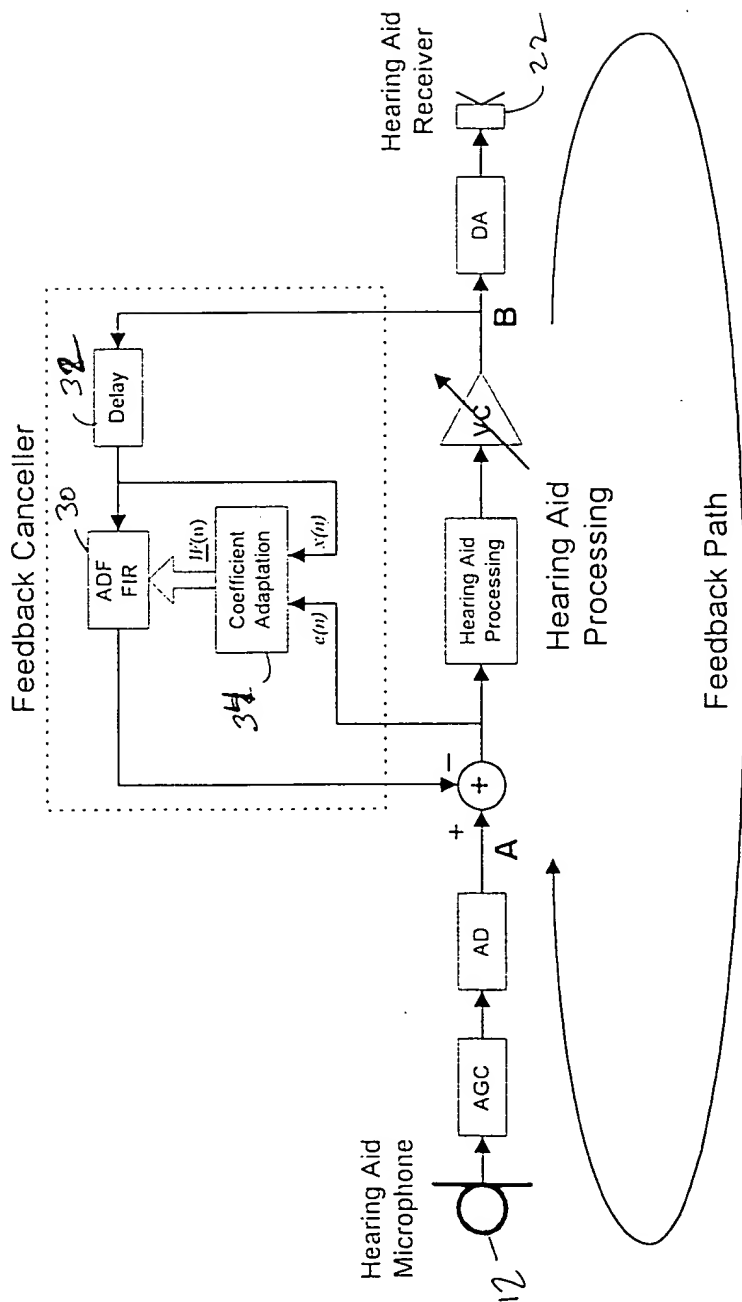


Figure 4:

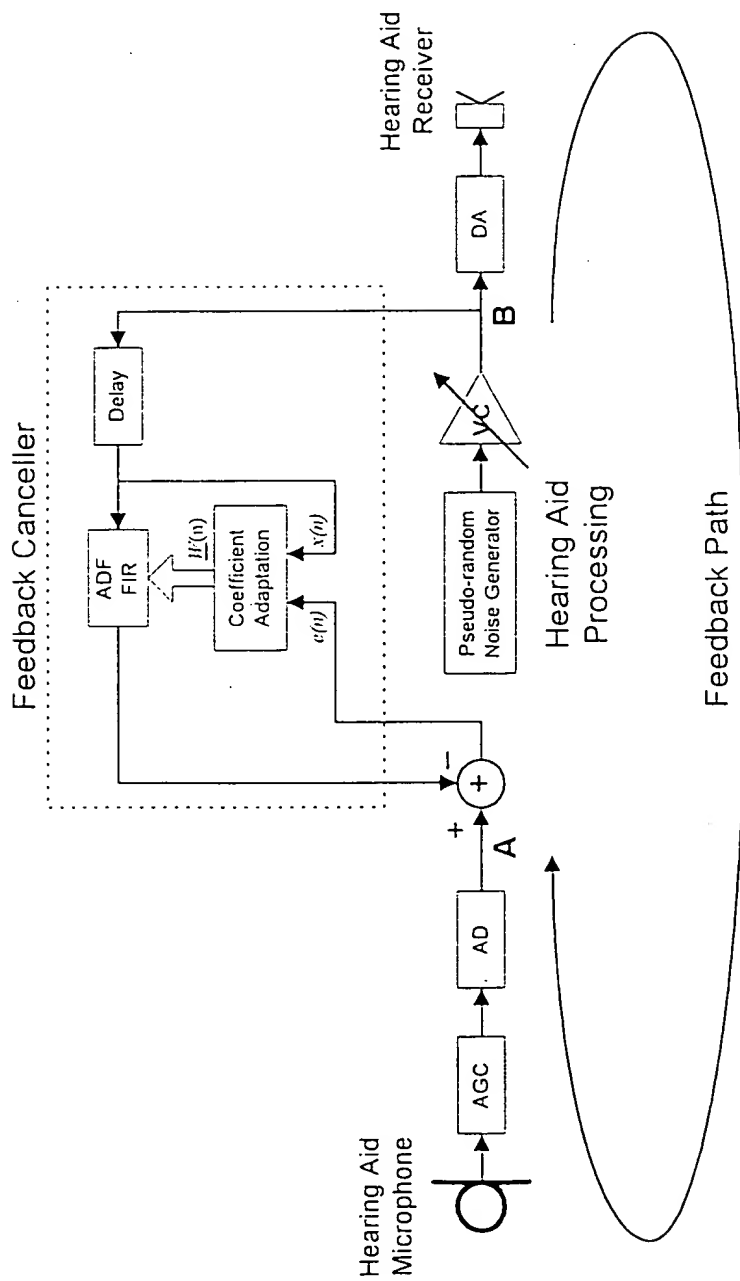
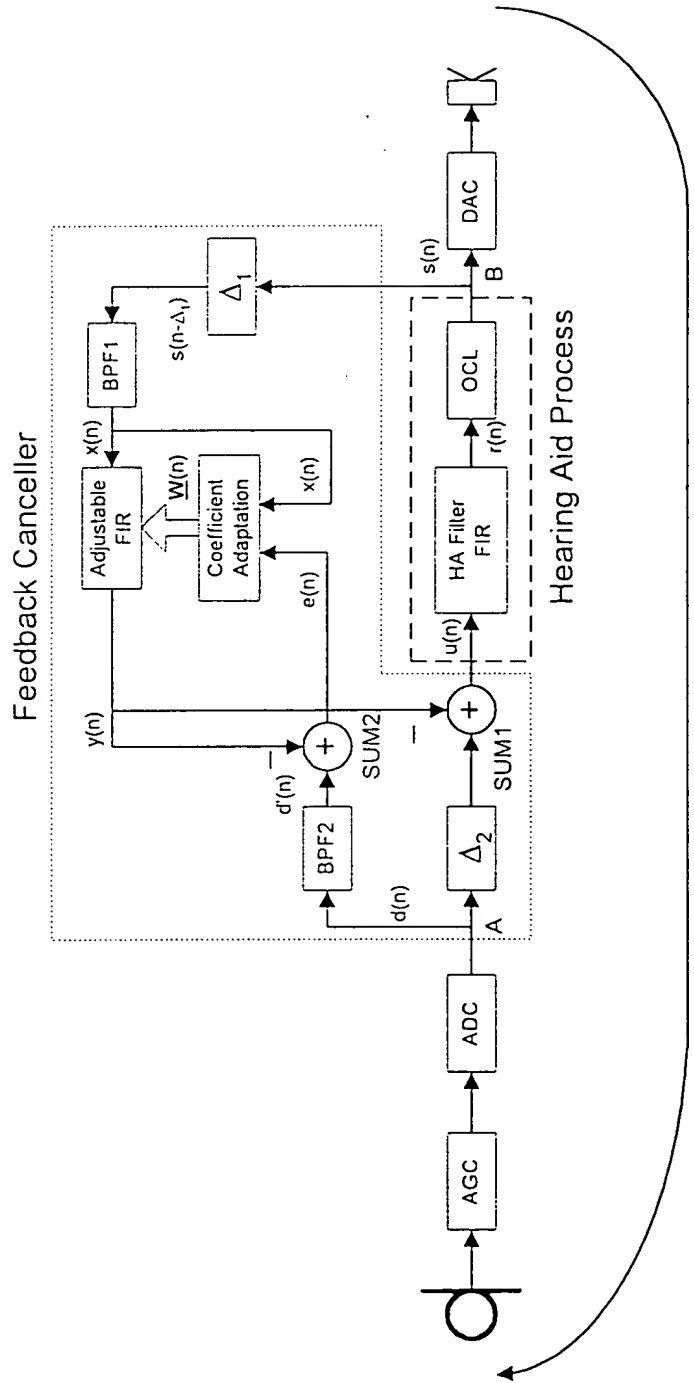


Fig. 5



Acoustic Feedback signal

Figure 6:

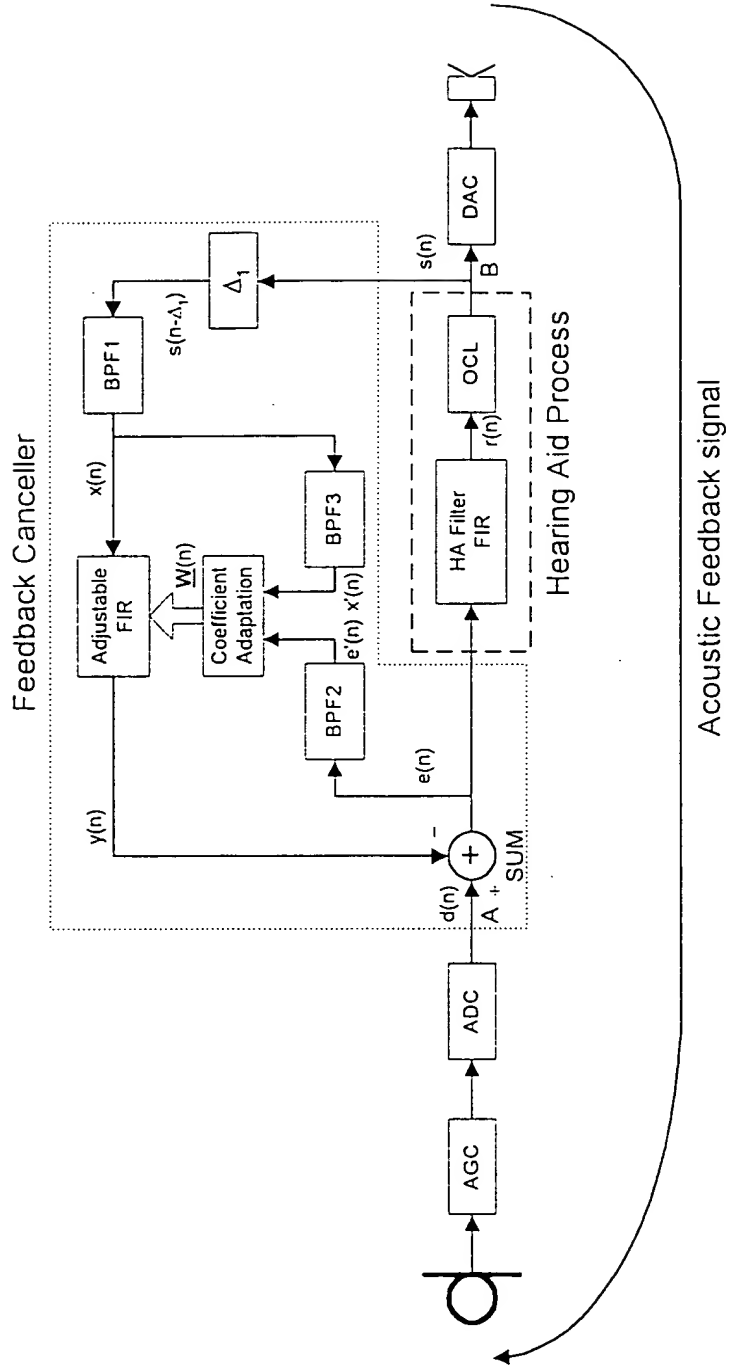


Figure 7:

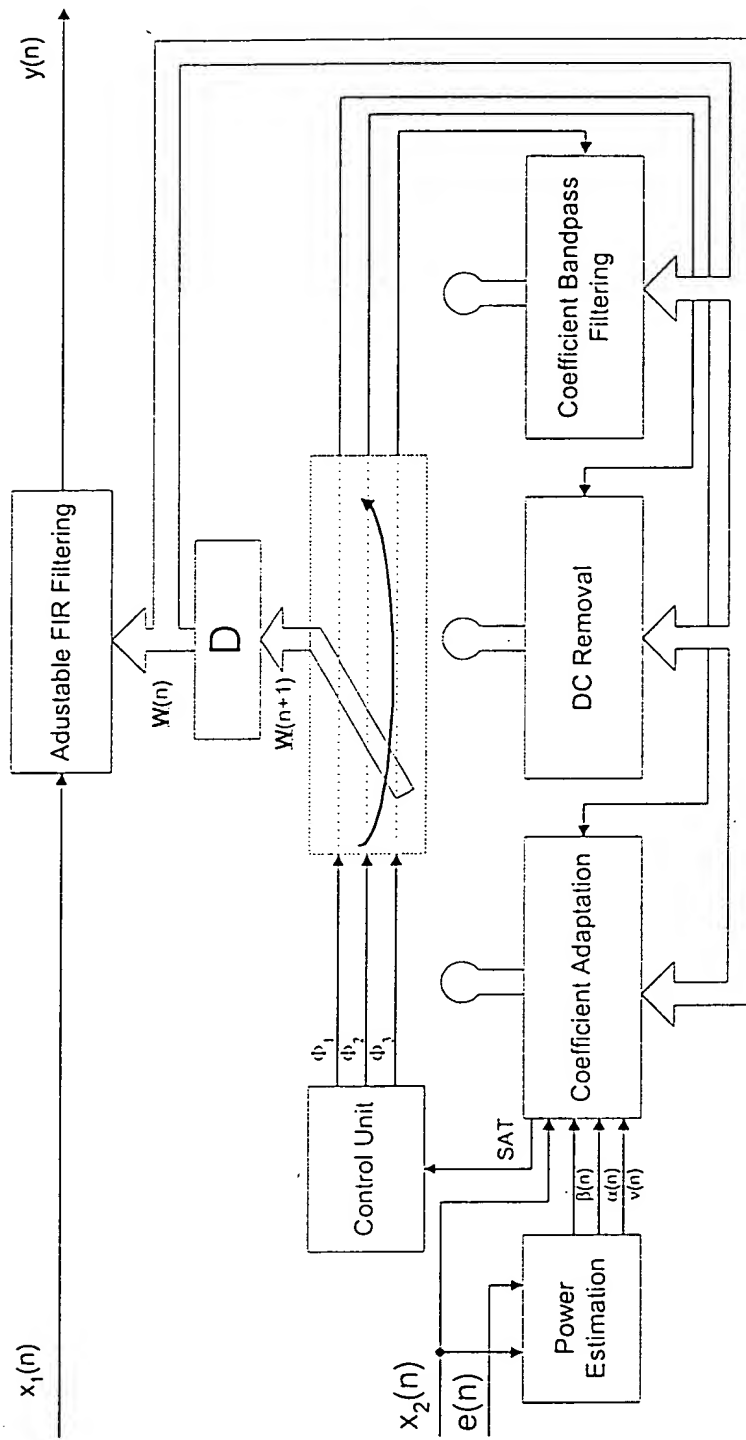


Figure 9

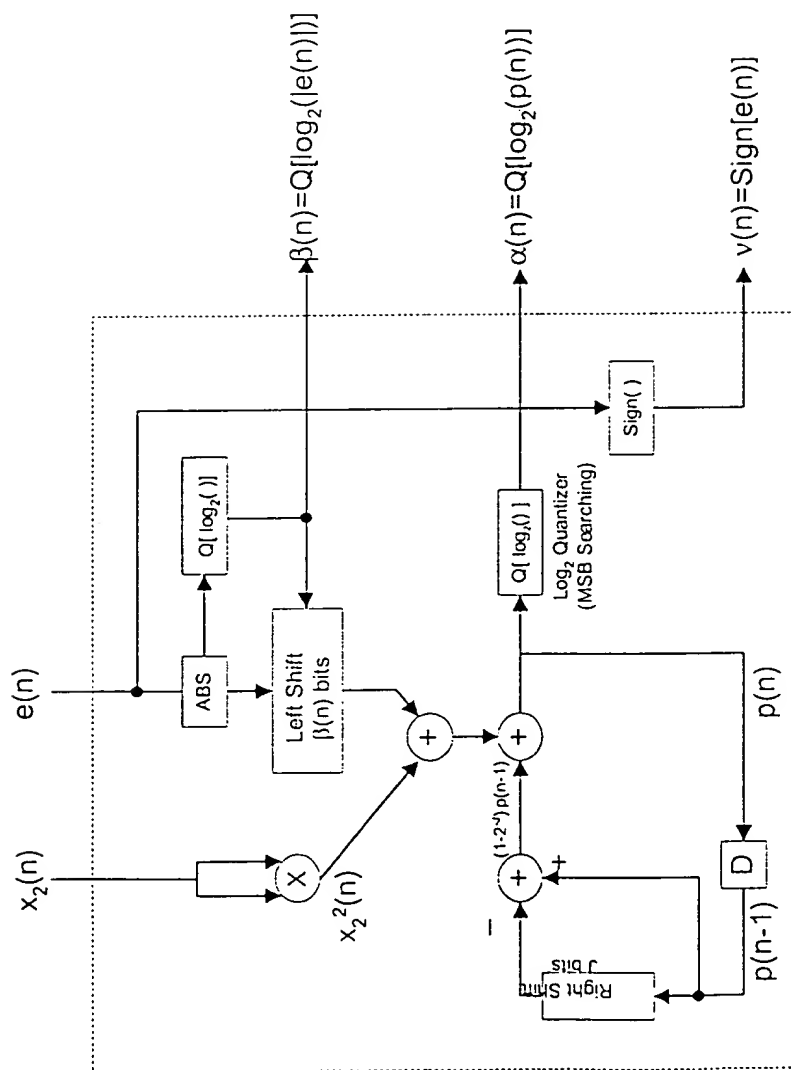


Figure 10:

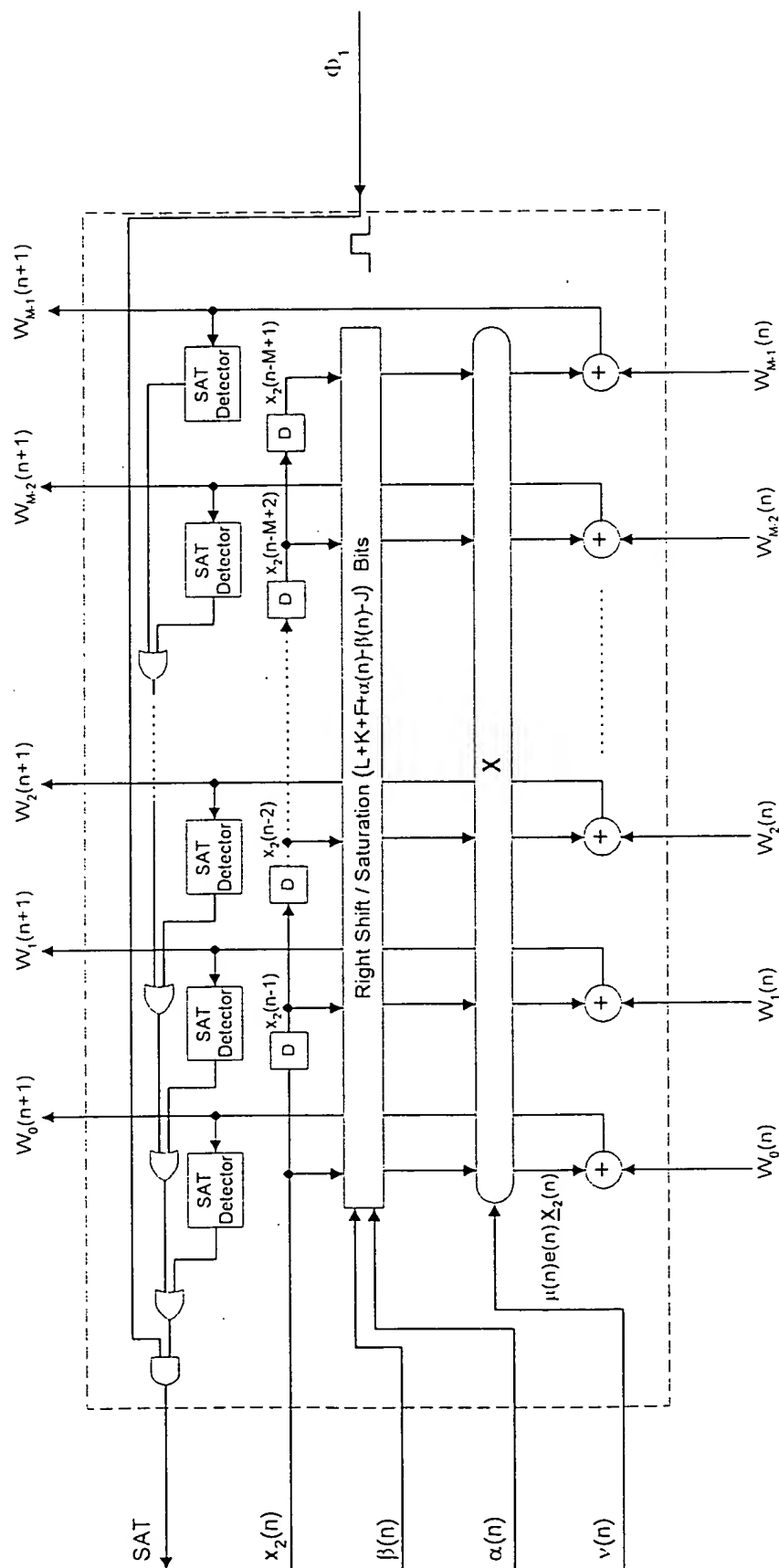


Fig. 11

Figure 11: Computational diagram for Coefficient adaptation

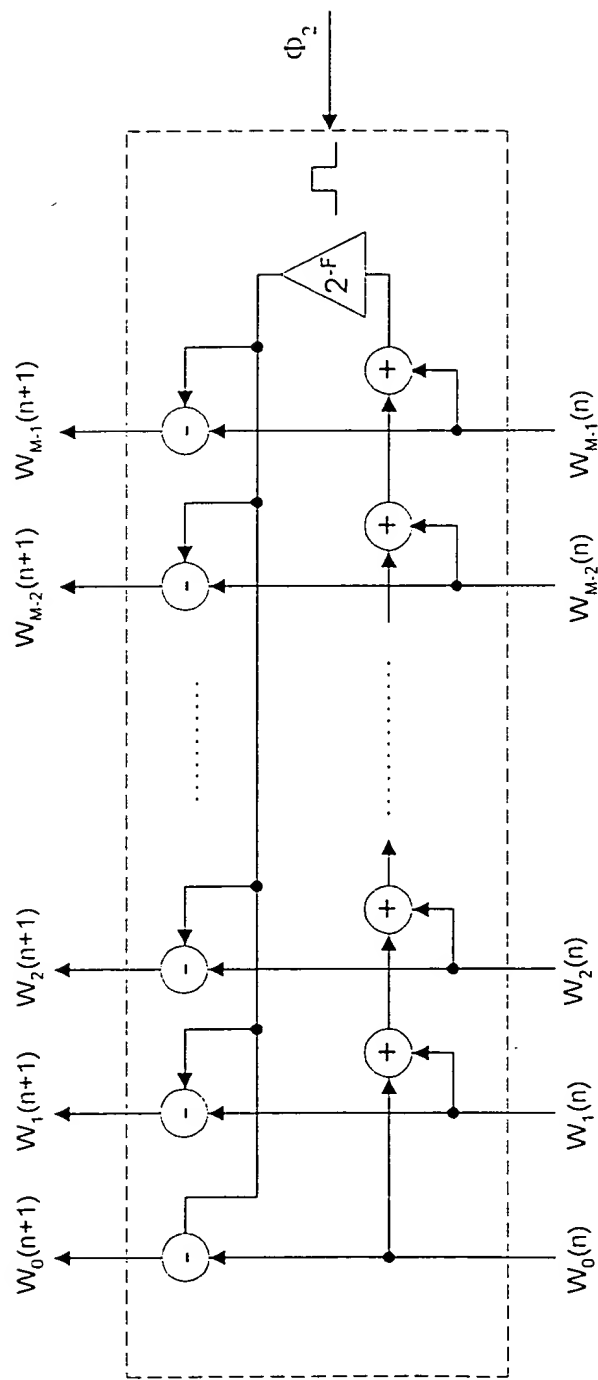


Figure 12:

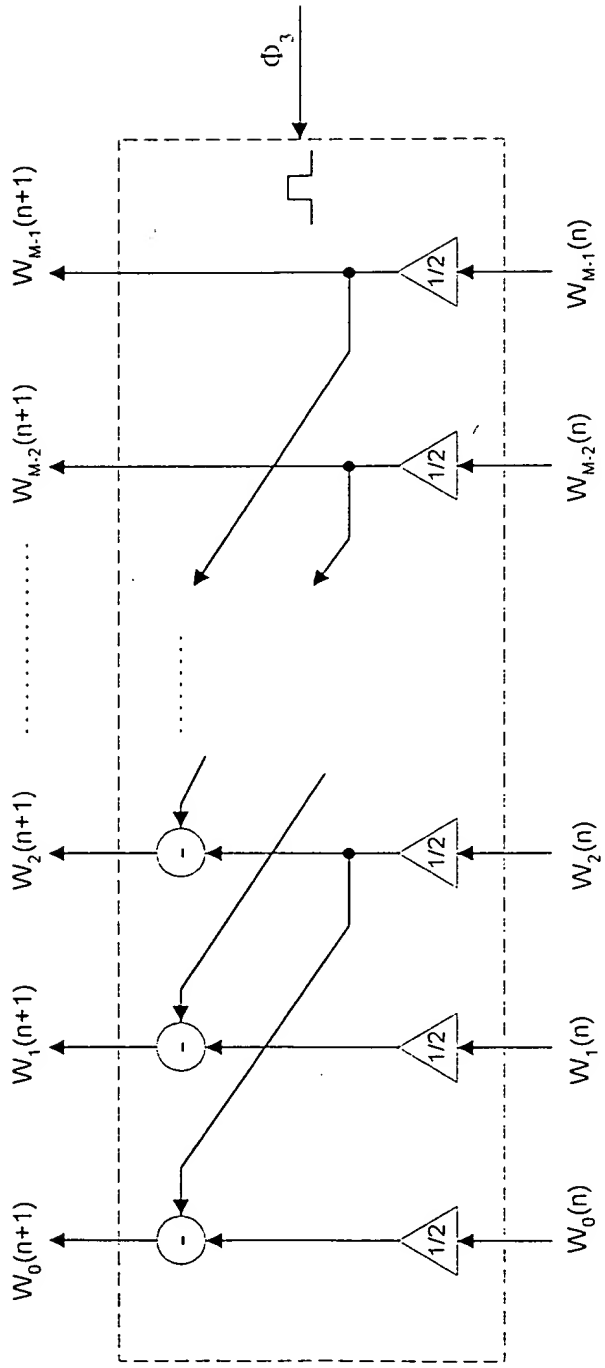


Figure 13:

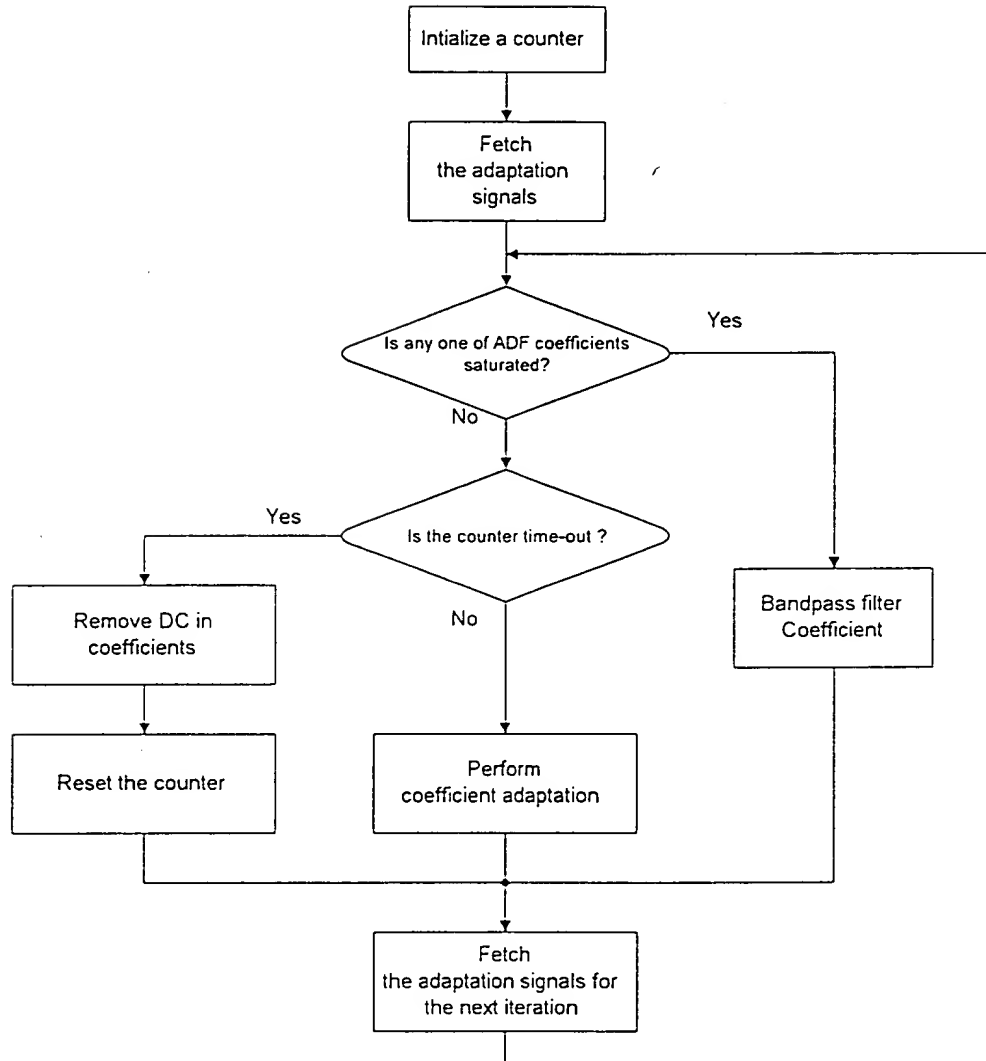
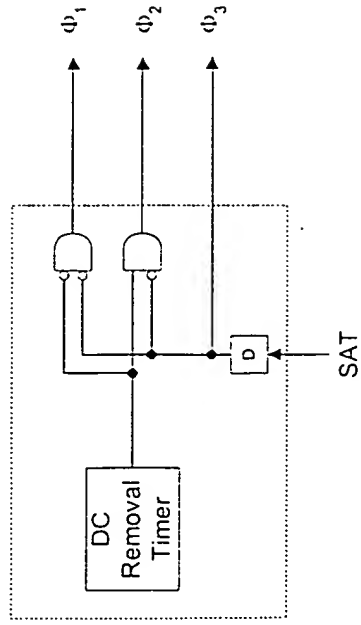
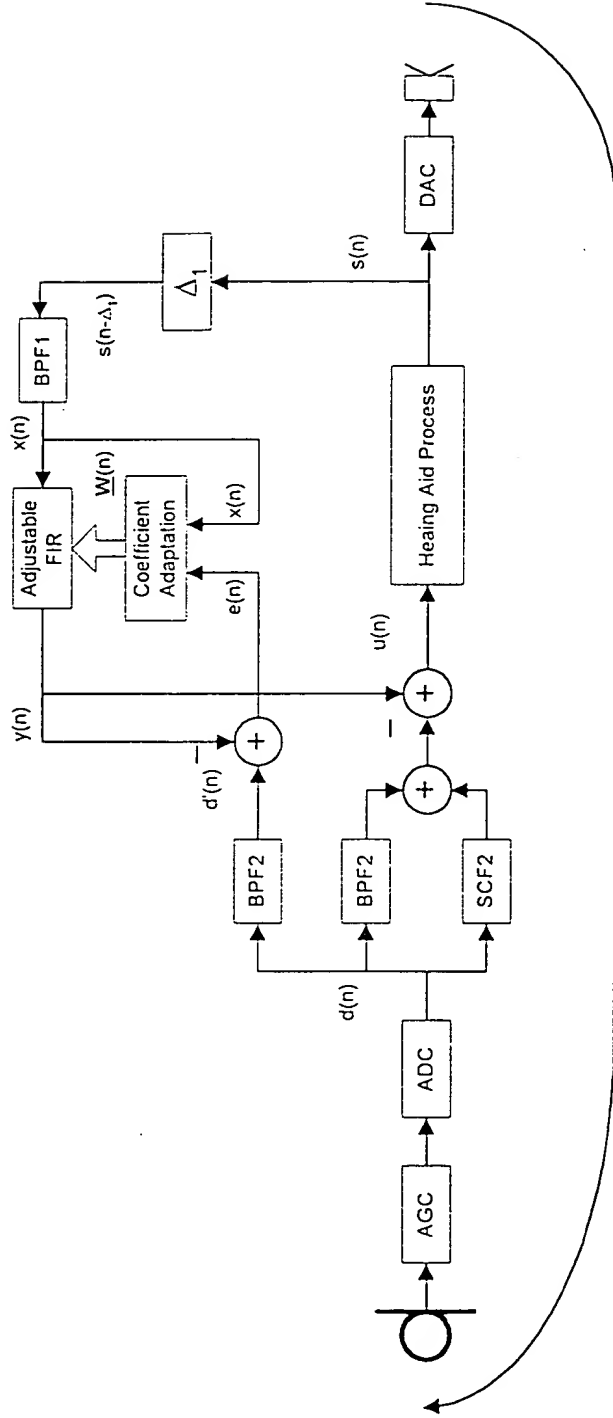


Figure 14:



SAT: coefficient saturation indicator from previous sample.
 ϕ_1 : Enable coefficient adaptation
 ϕ_2 : Enable DC Removal.
 ϕ_3 : Enable Bandpassing filtering ADF coefficients.

Figure 15:



Acoustic Feedback signal

Figure 16:

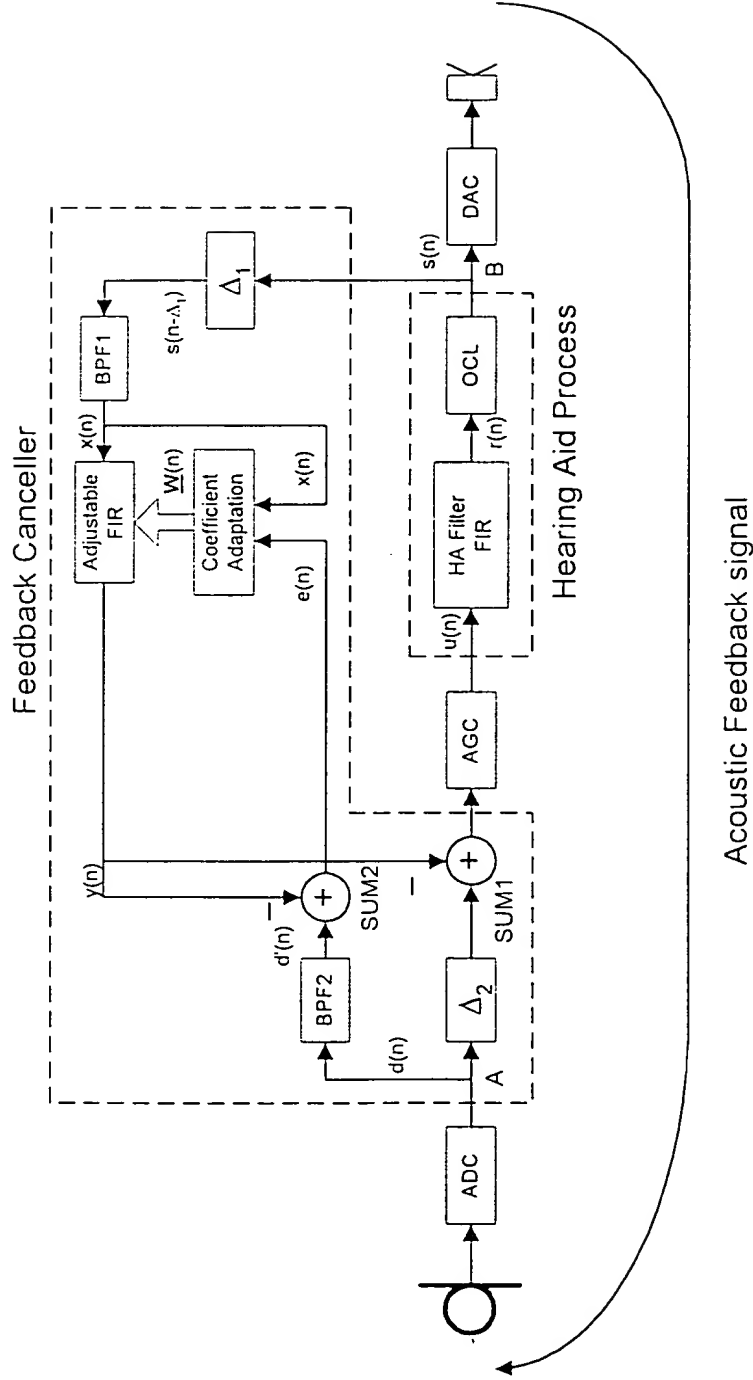


Figure 18:

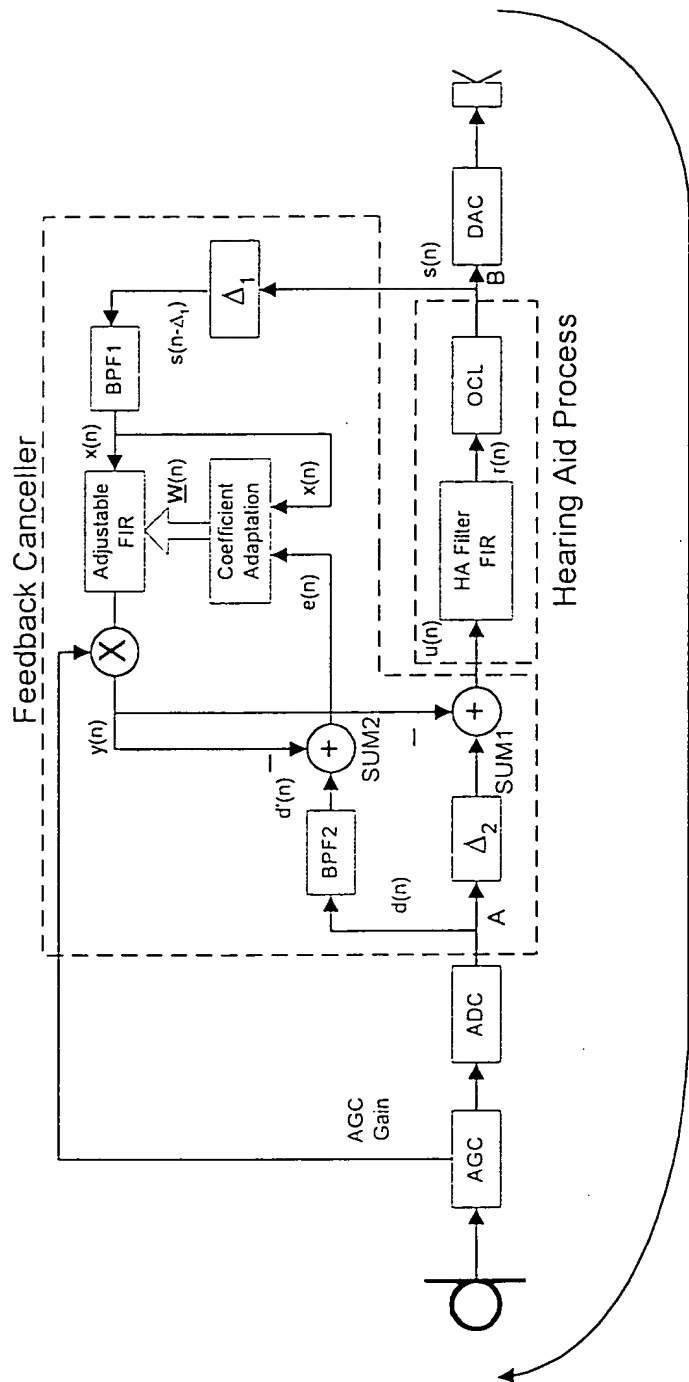


Figure 19:

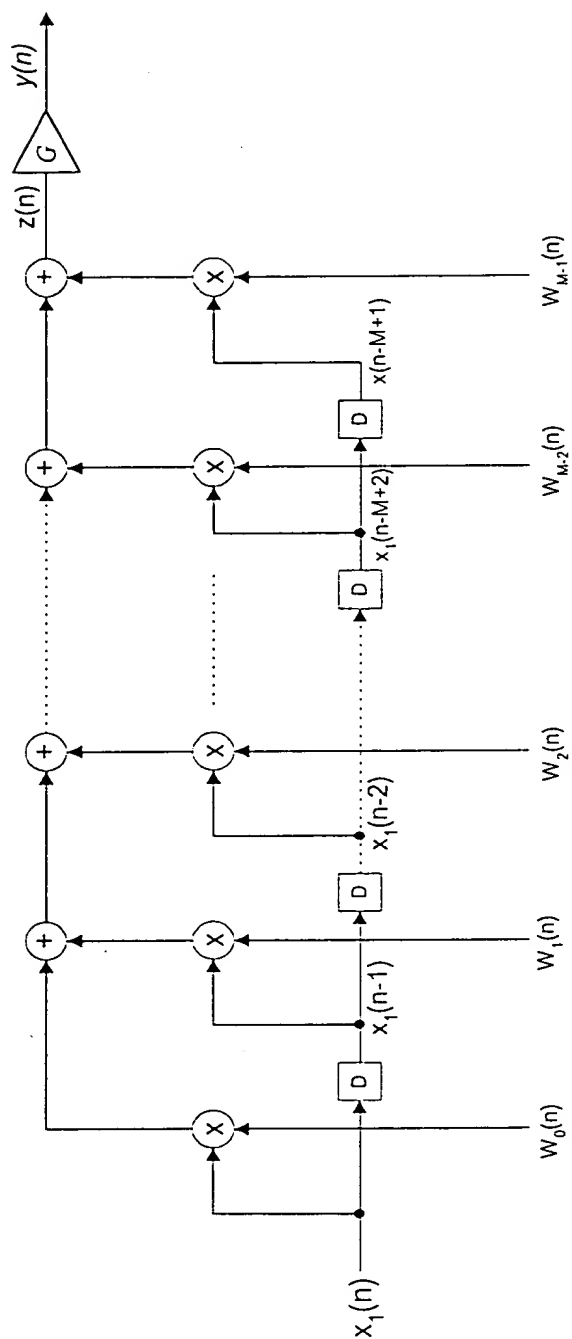


Figure 20 :

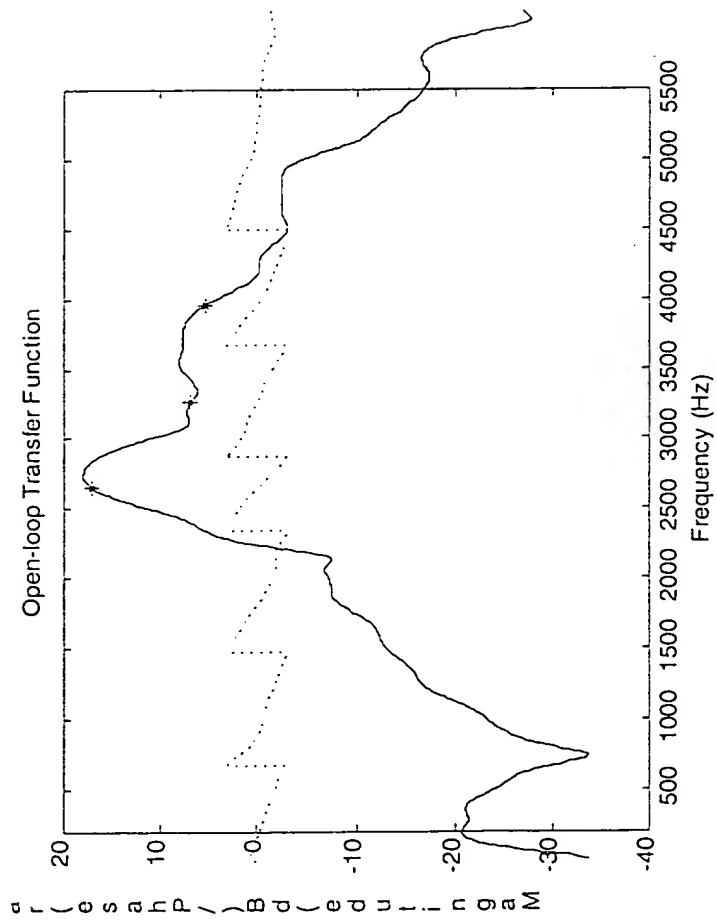


Figure 21: